

## A Muon Collider at Fermilab

*Friday, 5 August 2022 17:10 (30 minutes)*

The Fermilab site can accommodate a Muon Collider at up to 10 TeV center of mass energy. Parameters for Fermilab-based muon colliders are presented. Recent related research on rapid-cycling acceleration, muon cooling, proton sources and targetry is discussed. Compatibility with neutrino sources and neutrino factories is also discussed as well as directions for future research.

### Attendance type

In-person presentation

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**Session Classification:** WG3: Accelerator Physics

**Track Classification:** WG3: Accelerator Physics